

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claims 1-68 (Canceled).

Claim 69 (Currently Amended): A self-luminescent display apparatus comprising:
self-luminescent elements arranged in a pattern of a matrix;
driving transistors, each of which controls a current supplied to each of said self-luminescent elements;
pixel circuits provided in association with each of said self-luminescent elements and each of said driving transistors; and
a voltage generation section to supply a gradation voltage, which is to correspond to a display grade, to said driving transistors, wherein
a gate voltage of each of said driving transistors changes due to the changed gradation voltage supplied from said voltage generation section, and
~~the gradation voltage, which is supplied from said voltage generation section to said driving transistors, is applied so as to change gate voltages of said driving transistors in consideration of current/voltage characteristics of said driving transistors, respectively, such that the sum of currents flowing through said self-luminescent elements is a predetermined current value.~~

Claim 70 (Currently Amended): A self-luminescent display apparatus comprising:
self-luminescent elements arranged in a pattern of a matrix;
driving transistors, each of which controls a current supplied to each of said self-luminescent elements;

pixel circuits provided in association with each of said self-luminescent elements and each of said driving transistors; and

a voltage generation section to supply a voltage to said driving transistors, wherein a gate voltage of each of said driving transistors changes due to the changed voltage supplied from said voltage generation section, and

~~the voltage, which is supplied from said voltage generation section to said driving transistors, is applied so as to change gate voltages of said driving transistors according to a temperature in consideration of current/voltage characteristics of said driving transistors, respectively.~~

Claim 71 (Canceled).

Claim 72 (Previously Presented): The self-luminescent display apparatus according to Claim 69, wherein

said voltage generation section adjusts the gradation voltage such that when the gradation voltage is supplied to said driving transistors, the sum of currents flowing through said self-luminescent elements is measured and adjusted to be the predetermined current value.

Claim 73 (Previously Presented): The self-luminescent display apparatus according to Claim 69, further comprising:

an adjustor circuit to adjust the gradation voltage generated by said voltage generation section; and

a memory unit to store a voltage value set by said adjustor circuit.

Claim 74 (Previously Presented): The self-luminescent display apparatus according to Claim 69, wherein

the display grade corresponds to a grade of black display.

Claim 75 (Previously Presented): The self-luminescent display apparatus according to Claim 69, further comprising:

a temperature compensation unit to generate a signal inputted to said voltage generation section according to the change of ambient temperature, wherein

the gradation voltage outputted from said voltage generation section is changed by the signal inputted from said temperature compensation unit, thereby to compensate for a temperature characteristic of the currents flowing through said self-luminescent elements.

Claim 76 (Previously Presented): The self-luminescent display apparatus according to Claim 69, wherein

said voltage generation section comprises at least one predetermined circuit including said driving transistor and a storage capacity, disposed in said pixel circuit, and

the gradation voltage is generated based on a gate voltage or drain voltage of said driving transistor.

Claim 77 (Previously Presented): The self-luminescent display apparatus according to Claim 76, wherein

at least two predetermined circuits including said driving transistor and a storage capacity, respectively, are provided, and

one of said predetermined circuits is selected and used as said voltage generation section.